PHILIPS

TV

4 PT 156B/01
155 B

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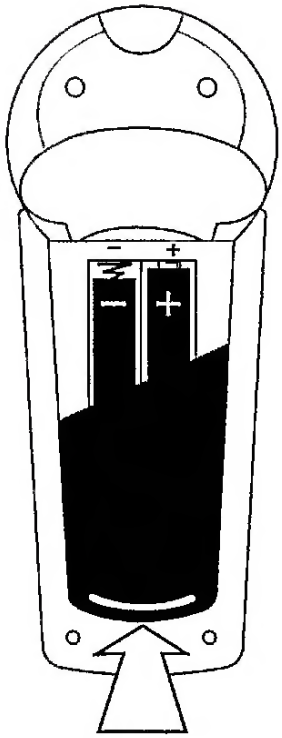
Installation

Follow the instructions very closely and step by step.
- ∘ This circle in front of a sentence indicates that you have to do something.
- ▹ This arrow in front of a sentence indicates the result of what you have done.

Text in Italic indicates help information.

ENGLISH



Place the TV on a solid hase.
Leave at least 5 cm around each side of the TV for ventilation.
To prevent any faults and unsafe situations, do not place any objects on top of the sets.

The TV can only operate at a mains voltage of 220/240 V~, 50 Hz; consult your dealer if the mains supply is different.

Make sure that the connection facilities to any TV installed in your house are in good condition. Only use good quality aerial connectors and cables.
The aerial plugs should he tightly connected.

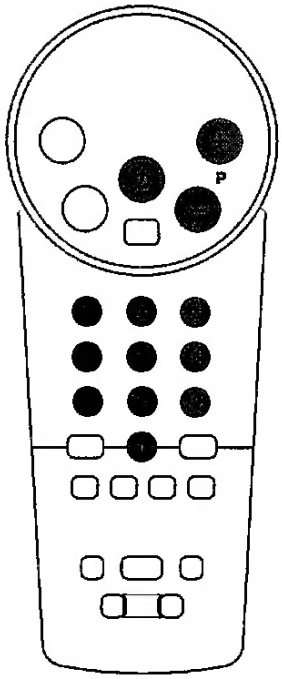
- ∘ Connect the TV tightly to the mains supply socket.
- ∘ Connect the aerial (indoor or outdoor) plug tightly to the ⊓ socket on the back of the TV.

Small screen TV's (14"/34 cm. and 15"/36 cm. TV's) are equipped with a high performance indoor aerial, nevertheless in some circumstances (specific regions or if surrounded hy high buildings) reception prohlems could occur. Further improvement of reception could he obtained by:
- Rotating or varying the angle of the aerial.
- Using other aerial executions.
- Connecting your TV to an outdoor aerial.

Remote control

- ∘ Remove the battery cover from the remote control.
- ∘ Insert the batteries, as indicated on the remote control.
- ∘ Replace the battery cover.

The batteries supplied with the remote control of your TV do not contain the heavy metals mercury and cadmium. In many countries flat batteries may not he disposed off with your household waste. **Please ensure that batteries are disposed off in accordance with any local regulations.**



Switching TV on and off

- ∘ Press ⏻ on the front of the TV.
- ▹ The TV is switched on.
  Is the TV still switched off? Then the TV is on Stand-by.
- ∘ Press P — or + or a digit hutton on the remote control, or — or + on the TV, to switch on the TV.
- ∘ Press ⏻ again to switch off the TV.

Stand-by

- ∘ By pressing ⏻ on the remote control you can temporarily switch the TV off.
- ∘ Press P — or + or a digit hutton on the remote control, or — or + on the TV, to switch on the TV again.

Automatic switch off

If after a period of 15 minutes no aerial signal is received, the TV automatically switches to Stand-hy.

Televisions consume energy in the stand-by mode. Energy consumption contributes to air and water pollution. We advice you to switch off your TV overnight instead of leaving it on stand-by. You save energy and the picture tube is demagnetised which supports good picture quality.

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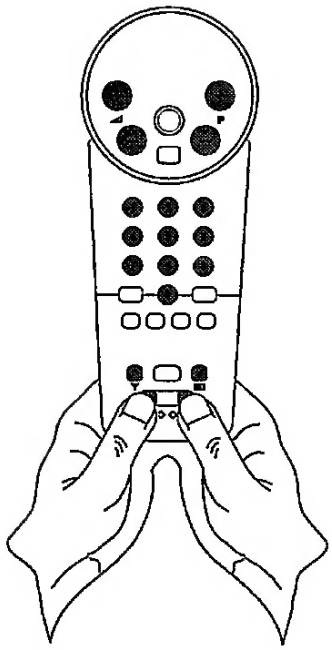
Storing TV channels



Write down the TV channels and the assigned program numbers while storing.
Storing TV channels can be stopped by pressing simultaneously the two ◇◇ buttons.

69 TV channels (1 to 69) can be stored on program numbers.

Follow carefully steps **1, 2, 3, 4, 5.**

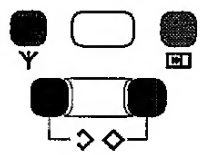
1.

- Press simultaneously the two ◇◇ buttons.
- ▹ **INSTALLATION** appears on the screen.

2.

Not all countries broadcast TV programmes in the same way. We speak of different TV systems. You can select a different TV-system for each separate program number.

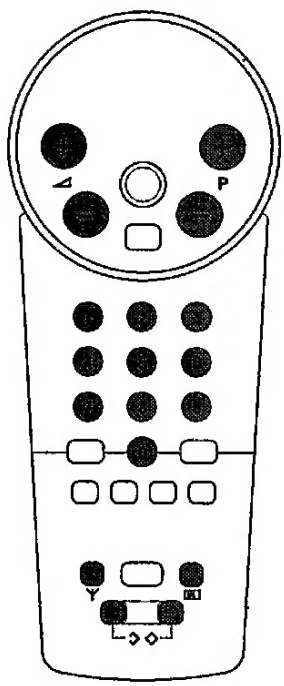
- Press Y one or more times to select the required TV-system. You can select among the following TV-systems:



Region	TV-system	Used in
EUROPE	PAL BG - SECAM BG	West European countries except France, except United Kingdom and Iceland.
FRANCE	SECAM L L'	France.
UK	PAL I	United Kingdom and Ireland.

3.

- Press ⏯ to start the search.
- ▹ The TV automatically searches until a TV channel is found.
- If you want to continue searching for a specific TV channel then press ⏯ again.



4.

- Press P — or + to select the program number (1 to 69) where you want to store the TV channel.
- ▹ The selected program number is displayed on the screen.

Important
You cannot store TV channels on program number 0.
Program number 0 is reserved to select electronic equipment connected to the TV. See "Peripheral connections".

5.

- Press simultaneously the two ◇◇ buttons to store this selection.
- ▹ The message **STORED** appears for a few seconds on the screen.

Repeat steps **1, 2, 3, 4, 5** until all the TV channels you require have been stored on program numbers.

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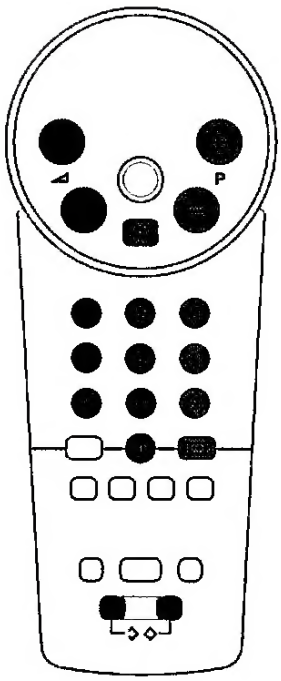
Auto Store

The Auto Store function can be used to find and store all available channels quickly. Channels are stored on program numbers in the same sequence as they are found. After Auto Store is started, the TV starts searching for a TV channel. When a TV channel is found, it will be automatically stored on program number 69. Searching will start again automatically. If another TV channel is found, it will be stored on program 68, etc.

Your TV can receive different TV systems. With Auto Store the TV searches automatically through all TV systems and stores all TV channels available.
The TV systems are automatically selected as in the following sequence and channels in those TV systems are searched for automatically:

1 - TV system FRANCE	(SECAM L L')
2 - TV system EUROPE	(PAL/SECAM BG)
3 - TV system UK	(PAL I)

- Press simultaneously the two ◇◇ buttons longer than 4 seconds.
- ▹ **INSTALLATION** appears.
- Ptess + (YES) to start the **AUTOSTORE** function.
  The Auto Store is stopped by pressing simultaneously the two ◇◇ buttons.



At the end of the Auto Store cycle the TV switches to program 69.

To reorganize the sequence of the TV channels stored by the Autostore, refer to the section "Storing TV channels" following steps 1, 4, 5.

Operation

On Screen Display

The On Screen Display (OSD) information allows you to see the program number on which a TV channel is stoted, the timer status and a moving bar if the volume is adjusted.

- Ptess ⊡ to display information on the screen.
- Press ⊡ again to switch off information.

Selecting TV channels

- Press P — or + or press one or two digit buttons on the remote control.
  To select a program number from 0 to 9 press one digit button.
  To select a program number from 10 to 69 you must press two digit buttons in less than 4 seconds.
  or
- Press — ot + on the TV.

Volume control

- Ptess ◿ — or + on the remote control.

- Press 🔇 to switch off the sound.
- Press 🔇 again or ◿ + to switch on the sound.

Menu on screen

With the menu on the screen you can change and store the picture and sound settings.
You can also set the timer.

When you switch on your TV, the picture and sound settings have certain values. These values are initially stored by the factory. Using the menu on screen you can change these values. Also if you store these values (by pressing simultaneously the two ◇◇ buttons after a change), the TV will switch on with your stored picture and sound values.

If you want to leave the menu, for example after changing the contrast setting, you can either wait approximately 10 seconds or continue to press the MENU button until the menu disappears from the screen.

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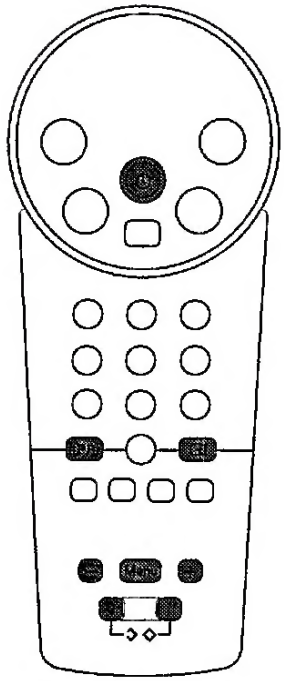
The stored picture and sound values can also be recalled by pressing **PP**.



- Press MENU.
- ▹ **VOLUME** appears, adjust the volume by pressing — or +.
  If you want to store this setting press simultaneously the two ◇◇ buttons.

- Press MENU again.
- ▹ **BRIGHTNESS** appears, adjust the brightness by pressing — or +.
  If you want to store this setting press simultaneously the two ◇◇ buttons.

- Press MENU again.
- ▹ **CONTRAST** appears, adjust the contrast by pressing — or +.
  If you want to store this setting press simultaneously the two ◇◇ buttons.

- Press MENU again.
- ▹ **SHARPNESS** appears, adjust the sharpness by pressing — or +.
  If you want to store this setting press simultaneously the two ◇◇ buttons.

- Press MENU again.
- ▹ **COLOUR** appears, adjust the colour by pressing — or +.
  If you want to store this setting press simultaneously the two ◇◇ buttons.

- Press MENU again.
- ▹ **TIMER** appears.

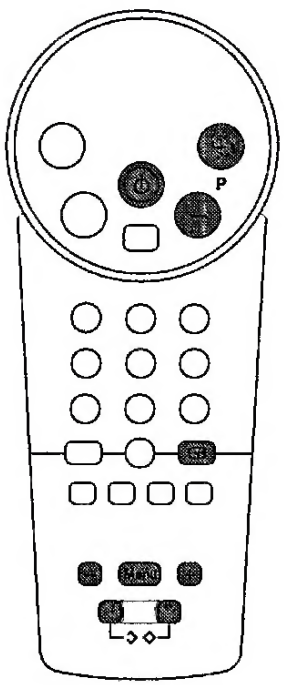
The timer can be used to switch on or off the TV automatically after the time you want. You can set the time after which the TV switches on or off in steps of 10 minutes to a maximum of 24.00 hours.

Switching off automatically:

- Press — or + to select the time after which the TV should switch off. The count down starts immediately. You can see the remaining time by pressing ⊡ on the remote control.
  During the final minute of the selected time period, the seconds remaining are automatically shown on the screen.
  At the end of this time period the TV switches to stand-by mode.

Switching on automatically:

- Press — or + to select the time after which the TV should switch on. The count down starts immediately.
- Press ⏻ to switch the TV temporarily off.
- ▹ The TV will switch on after the time you have selected.



Note: If you switch on your TV again before the selected time has elapsed, the timer will be switched off automatically. If you do not press any button within 3 hours after the TV has switched on automatically, the TV will switch automatically to Stand-by again.

If you want to stop the TIMER press — or + until the selected period on the screen is 00.00.

- Press MENU.
- ▹ The menu disappears.

Different volume level for a specific TV channel

Not all TV channels are broadcasting the volume at the same level.
With this function you can align the volume level of a specific TV channel (which is louder or soft) to the other TV channels.

- Press MENU longer than 4 seconds.
- ▹ Immediately **VOLUME** appears, keep on pressing until "◿/**PROGRAM**" appears.
- Press **P** — or + to select the program number of the TV channel that you want to adjust the volume level.
- Press — or + to adjust the volume level.

- Press simultaneously the two ◇◇ buttons to store the volume level.
- ▹ **STORED** appears for a few seconds.

- Select another TV channel to adjust the volume level or press several times MENU to leave the menu.

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Teletext

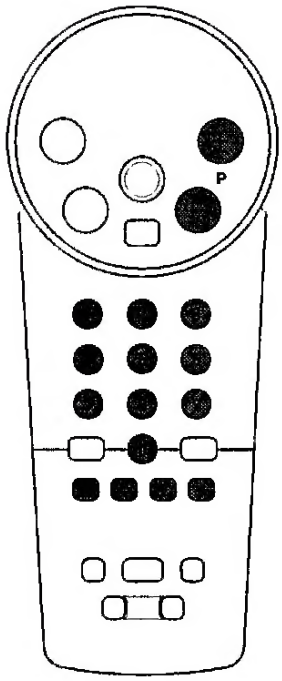
A number of TV channels broadcast information via teletext. Teletext is an information system which can be consulted the same way as a newspaper or magazine.

Switching Teletext On and Off

- Select the TV channel for the desired teletext broadcast.
- Press ▤ to switch on the teletext.
- ▹ The contents appear on the screen together with an information line at the top.

In the information line appears:
- the number of the page requested.
- the page counter.
- date and time.

- only **P 100** if there is no teletext broadcast.



- Press ▤ again to switch off the teletext.
- ▹ The TV channel reappears.

Selecting a Teletext Page

Direct page selection

- Enter the desired page number with the digit buttons. The number of pages always includes 3 digits.
- ▹ The page counter seeks the page.
- ▹ If the counter keeps searching, then the page is not available or does not exist.

Does **P ?...** *appear or have you entered an incorrect number?*
First complete the number with random figures and then enter the correct page number again.

By pressing the **P —** or **P +** on the remote control you will enable the direct selection of the following or the previous teletext page.

Special teletext functions

Hold a rotating page

Sometimes the information is contained on several pages following each other. In this case they are automatically displayed in rotation. The total number of subpages and the subpage displayed are indicated on the screen. For example: 1/4, meaning page 1 out of 4 is being displayed.

- Press ⇳ to hold a page.
- ▹ ≡⇳ appears in the information line.
  The information in this subpage is not being updated anymore.
- Press ⇳ again.
- ▹ The page rotation starts again.

Reveal concealed information

Some pages contain concealed information, such as solutions to riddles and puzzles.

- Press **?** to call up concealed information.
- Press **?** again to switch off the concealed information.

Enlarge a page

- Press ⇳ to enlarge the top half of the teletext page.
- Press ⇳ again to enlarge the bottom half of the teletext page.
- Press ⇳ once more to return to normal page size.

Teletext can always be switched off by pressing ▤.

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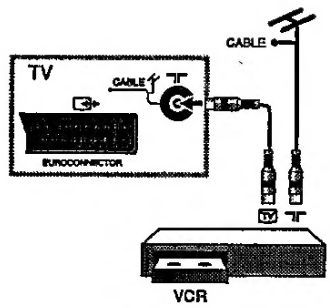
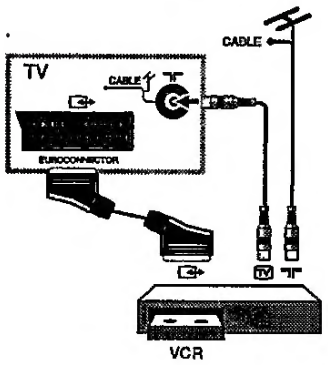
Peripheral connections



Aerial connection

You can connect your videorecorder or other equipment via the aerial connection on the back of the TV.

- Unplug the aerial plug from your TV and insert it into the aerial input of your equipment.
- Connect another aerial plug to the output of your equipment, connect the other side to the aerial input of your TV.
- Switch on your equipment.
- Check in the handbook of the particular equipment to see what the test signal looks like.
- Now, refer to the section **Storing TV channels** to search for and store this signal on a programme number from 1 to 69 (you cannot store the signal on the program number 0). After that, you can receive signals from your equipment on this programme number.

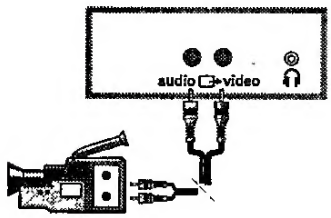


Euroconnection (scart) for e.g. videorecorder

You can connect for example a videorecorder or satellite tuner to your TV via the euroconnector socket on the back of the TV. Ask your dealer for the appropriate cable.

- Connect the eurocable to the euroconnector socket of your videorecorder and to the euroconnector socket of your TV.
- Connect an aerial cable to the output of your video recorder and to the aerial input of your TV.
- Normally if the videorecorder is switched on, the picture will automatically appear on the TV screen.

If you do not see the picture, select program number 0 by pressing **P** + *or* —.



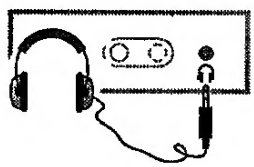
Audio/Video front connections

The Audio/Video front socket is only present on certain TV models.

You can connect audio/video equipment, like a camcorder or game-computer, to the **Audio/Video** input on the front of your TV. Ask your dealer for an appropriate cable.

- Connect your equipment to the **Audio/Video** input of your TV.
- Press START or PLAY on your equipment.
- Select program number 0.
- ▹ The picture from your equipment appears on the screen.

Do not use the Audio-Video front socket and the euroconnector socket at the same time.



Headphones

- Connect the headphones plug to the headphones socket on front of the TV.
- ▹ The internal loudspeakers of your TV are automatically switched off.

Tips

To clean the TV

Clean the TV using a slightly damp chamois leather.
Never use aggressive cleaning agents.

Poor or no picture:

Are the plugs tightly connected to the aerial socket and are the connection facilities to any other installed TV in good condition? Do you use good quality aerial connectors and cables?

No solution:

Switch your TV off and on again with the ⏻ button.
Never attempt to repair a defective TV set yourself.
Switch off the TV and call your dealer or TV-technician when nothing helps or when:

- A white horizontal stripe appears across the whole screen.
- The red lamp below the screen starts blinking when no buttons are pressed on the remote control.

Environmental information

Your TV contains material which can be recycled and reused. At end of life specialized companies can dismantle the discarded TV to concentrate the reusable materials and to minimize the amount of materials to be disposed off.
Please find out about local regulations on disposal of your old TV set.

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